

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050118\
 Data File : BF104985.D
 Acq On : 1 May 2018 15:55
 Operator : JU/SJ
 Sample : J2616-13
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CONCRETE-1

Quant Time: May 02 06:56:12 2018
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 01 16:13:08 2018
 Response via : Initial Calibration

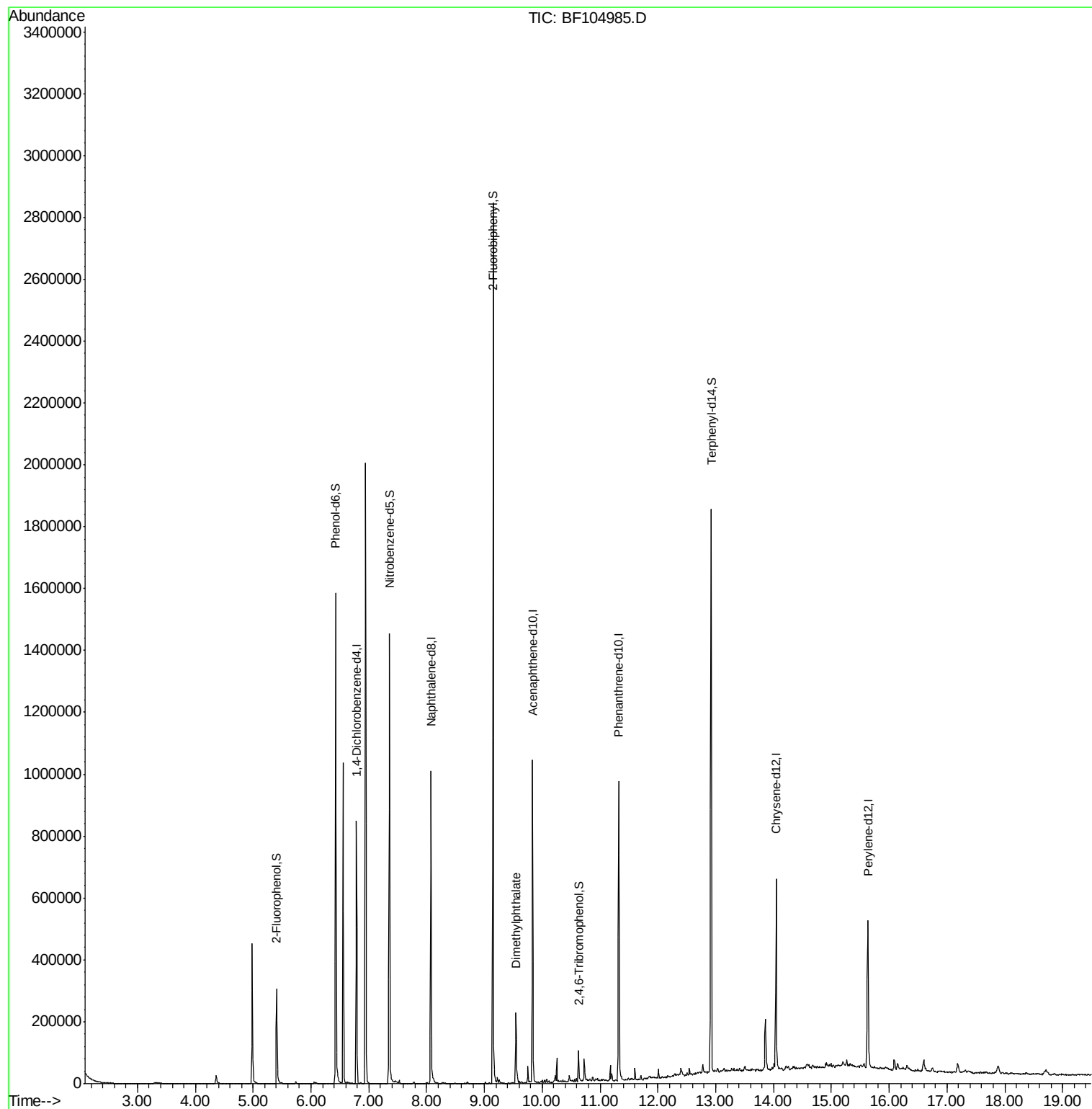
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	118644	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	491277	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	220074	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	360995	20.00	ng	0.00
75) Chrysene-d12	14.04	240	230930	20.00	ng	0.07
86) Perylene-d12	15.63	264	223742	20.00	ng	0.20
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	109400	14.10	ng	0.00
7) Phenol-d6	6.43	99	600871	63.03	ng	0.00
23) Nitrobenzene-d5	7.36	82	485499	64.53	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	14691	6.44	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	878415	63.06	ng	0.00
78) Terphenyl-d14	12.92	244	664120	65.56	ng	0.01
Target Compounds						
49) Dimethylphthalate	9.55	163	103278	5.951	ng	Qvalue 98

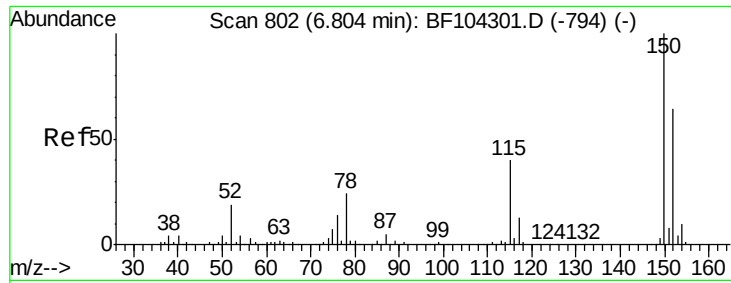
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050118\
Data File : BF104985.D
Acq On : 1 May 2018 15:55
Operator : JU/SJ
Sample : J2616-13
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CONCRETE-1

Quant Time: May 02 06:56:12 2018
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 01 16:13:08 2018
Response via : Initial Calibration

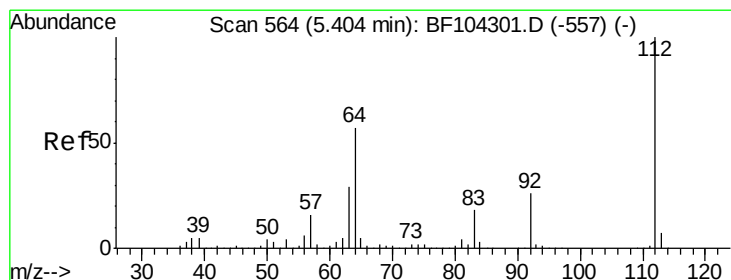
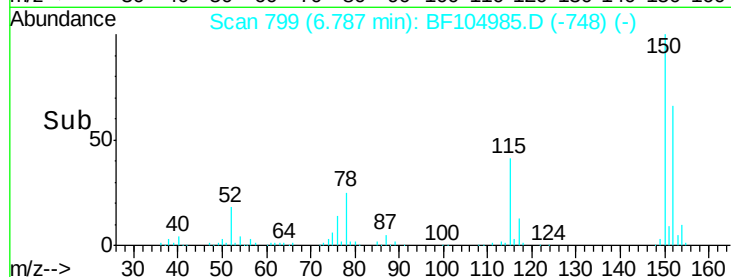
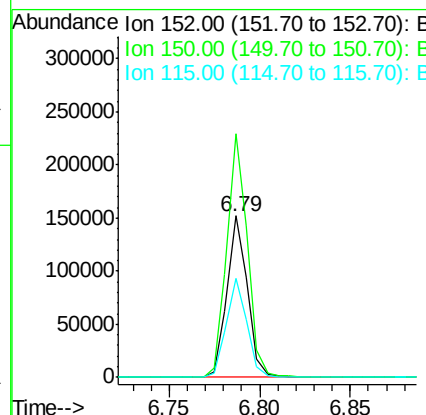
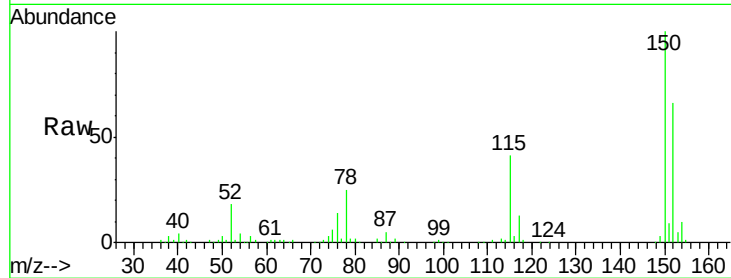




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.79 min Scan# 799
 Delta R.T. -0.00 min
 Lab File: BF104985.D
 Acq: 1 May 2018 15:55

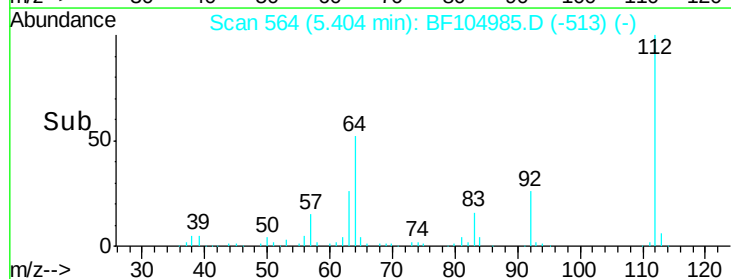
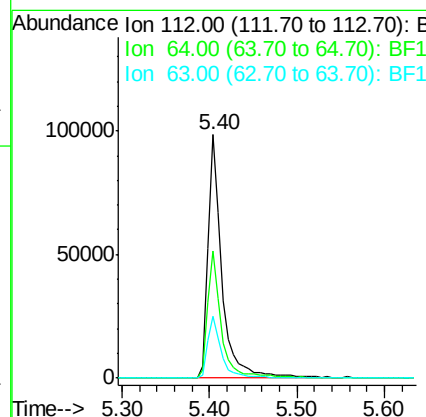
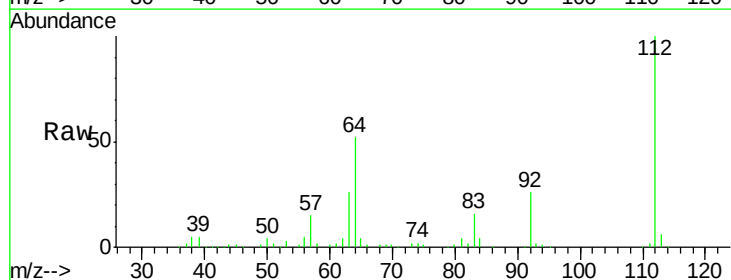
Instrument :
 BNA_F
 ClientSampleId :
 CONCRETE-1

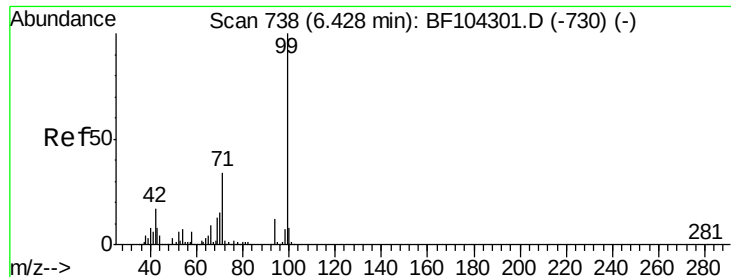
Tgt Ion:152 Resp: 118644
 Ion Ratio Lower Upper
 152 100
 150 151.1 124.6 186.8
 115 61.8 50.1 75.1



#5
 2-Fluorophenol
 Concen: 14.099 ng
 RT: 5.40 min Scan# 564
 Delta R.T. -0.00 min
 Lab File: BF104985.D
 Acq: 1 May 2018 15:55

Tgt Ion:112 Resp: 109400
 Ion Ratio Lower Upper
 112 100
 64 52.0 47.9 71.9
 63 25.7 23.7 35.5





#7

Phenol-d6

Concen: 63.026 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.01 min

Lab File: BF104985.D

Acq: 1 May 2018 15:55

Instrument :

BNA_F

ClientSampleId :

CONCRETE-1

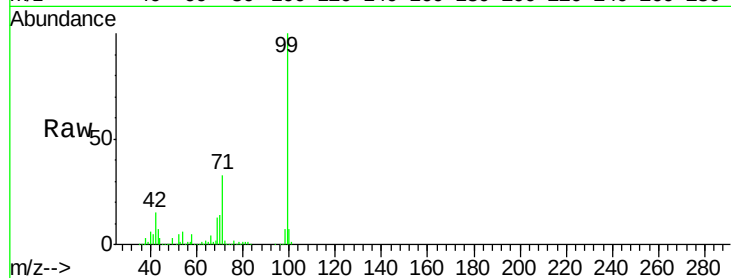
Tgt Ion: 99 Resp: 600871

Ion Ratio Lower Upper

99 100

42 15.2 14.5 21.7

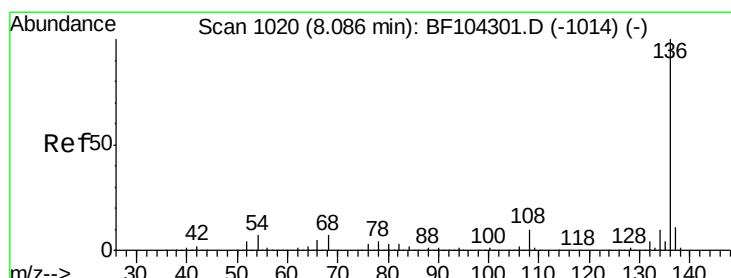
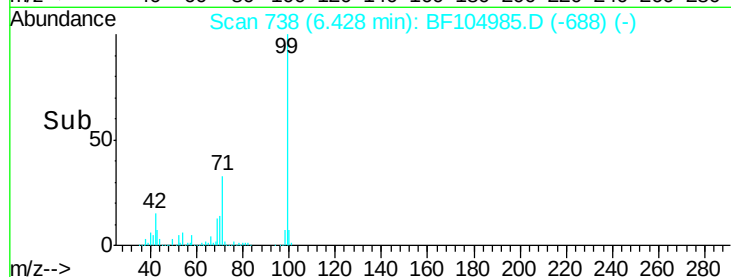
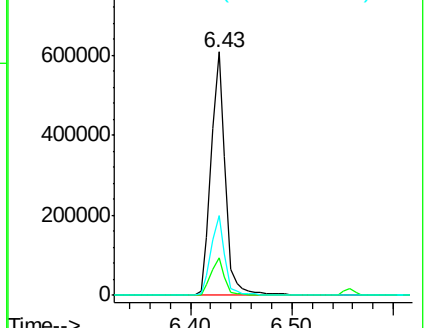
71 32.5 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.07 min Scan# 1018

Delta R.T. -0.00 min

Lab File: BF104985.D

Acq: 1 May 2018 15:55

Tgt Ion: 136 Resp: 491277

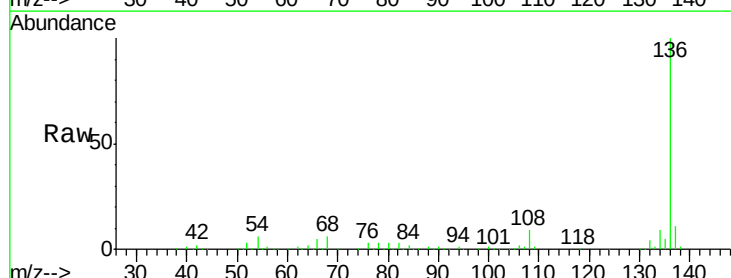
Ion Ratio Lower Upper

136 100

137 10.7 8.9 13.3

54 6.0 6.6 9.8#

68 5.7 5.0 7.4

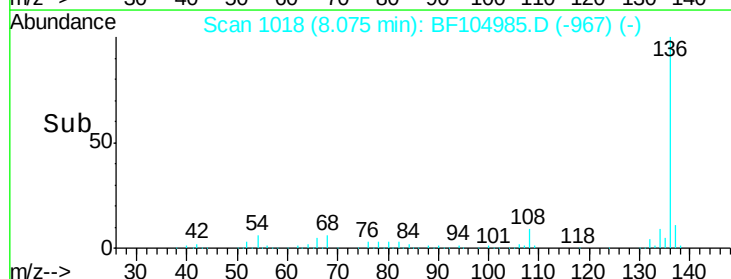
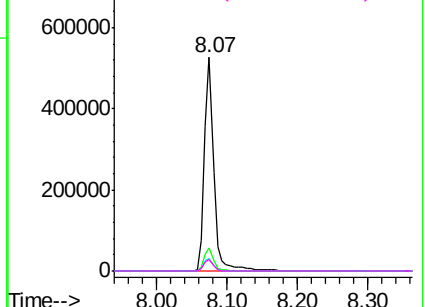


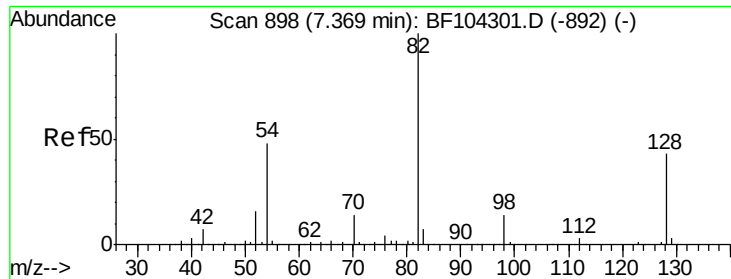
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1

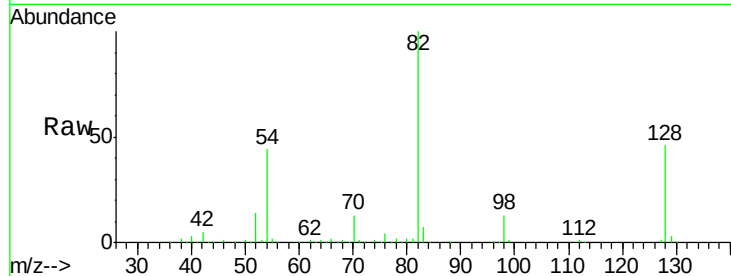




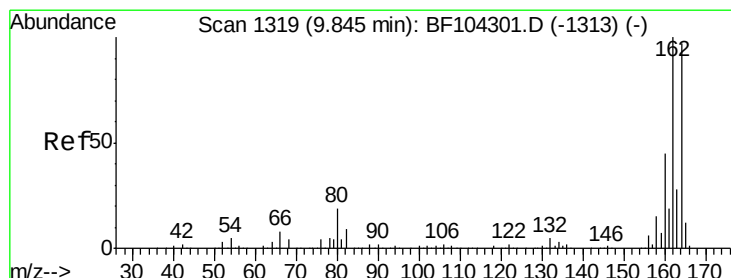
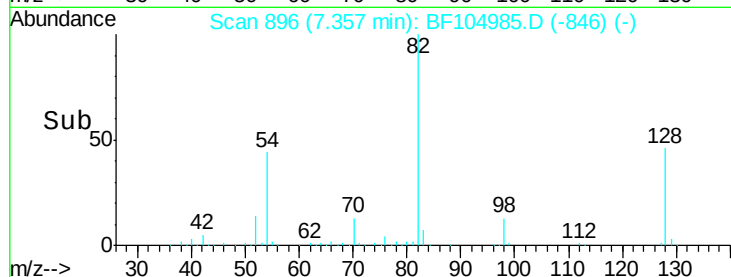
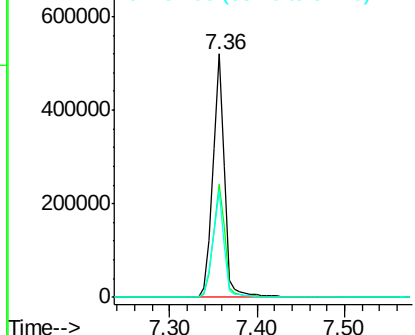
#23
 Nitrobenzene-d5
 Concen: 64.530 ng
 RT: 7.36 min Scan# 896
 Delta R.T. -0.01 min
 Lab File: BF104985.D
 Acq: 1 May 2018 15:55

Instrument :
 BNA_F
 ClientSampleId :
 CONCRETE-1

Tgt Ion: 82 Resp: 485499
 Ion Ratio Lower Upper
 82 100
 128 46.2 36.1 54.1
 54 44.0 41.4 62.2

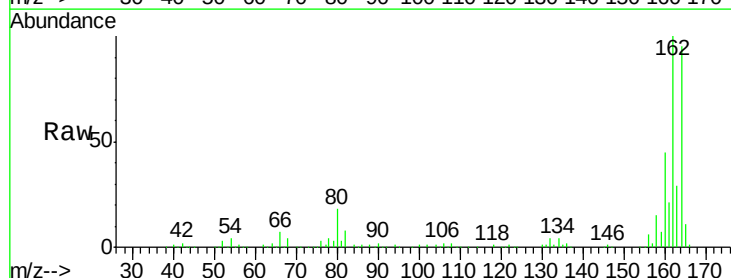


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

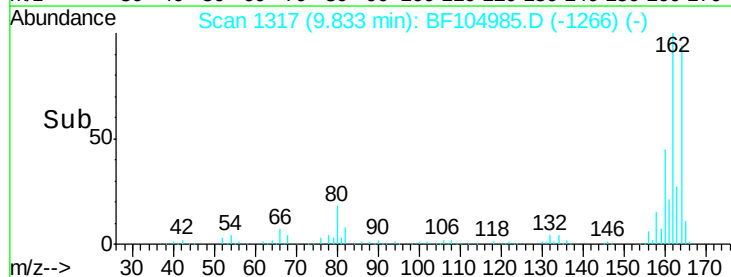
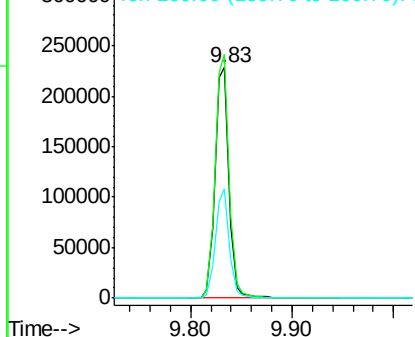


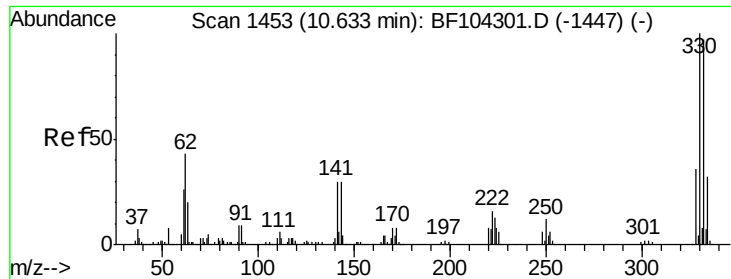
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.83 min Scan# 1317
 Delta R.T. -0.00 min
 Lab File: BF104985.D
 Acq: 1 May 2018 15:55

Tgt Ion: 164 Resp: 220074
 Ion Ratio Lower Upper
 164 100
 162 105.6 86.1 129.1
 160 47.6 38.3 57.5



Abundance Ion 164.00 (163.70 to 164.70): BF1
 Ion 162.00 (161.70 to 162.70): BF1
 Ion 160.00 (159.70 to 160.70): BF1

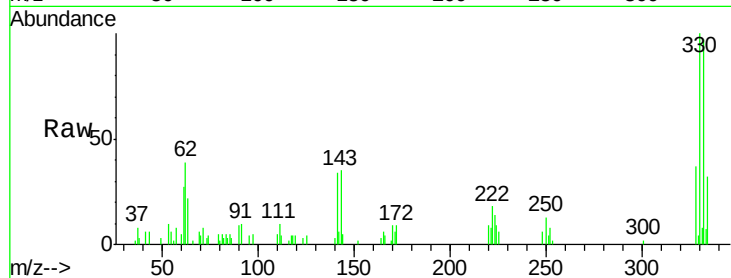




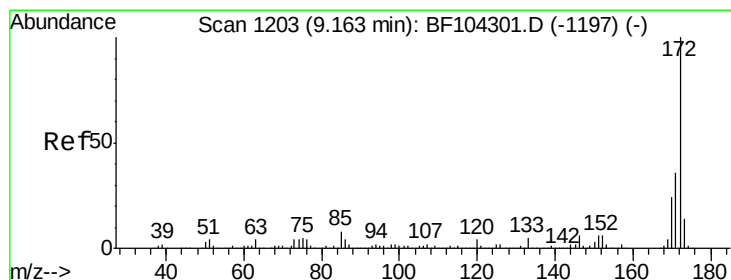
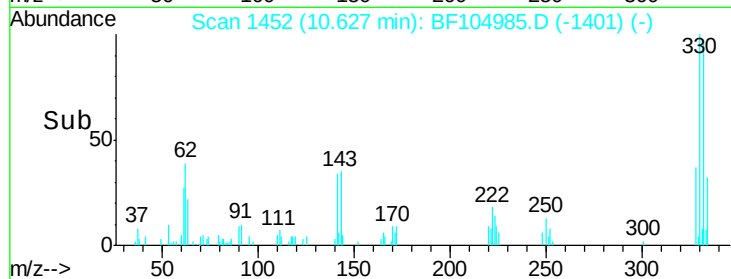
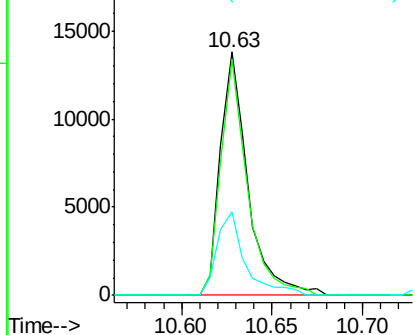
#41
 2,4,6-Tribromophenol
 Concen: 6.435 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. -0.00 min
 Lab File: BF104985.D
 Acq: 1 May 2018 15:55

Instrument :
 BNA_F
 ClientSampleId :
 CONCRETE-1

Tgt Ion	Ratio	Lower	Upper
330	100		
332	93.0	77.0	115.6
141	34.5	29.9	44.9

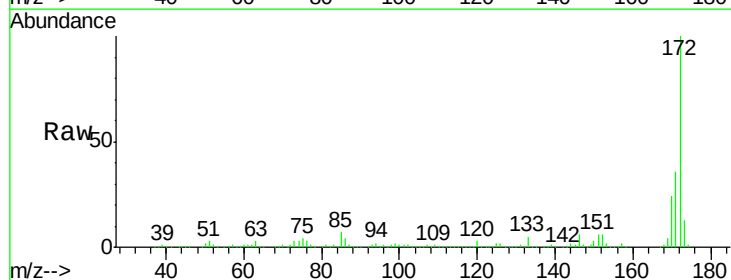


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

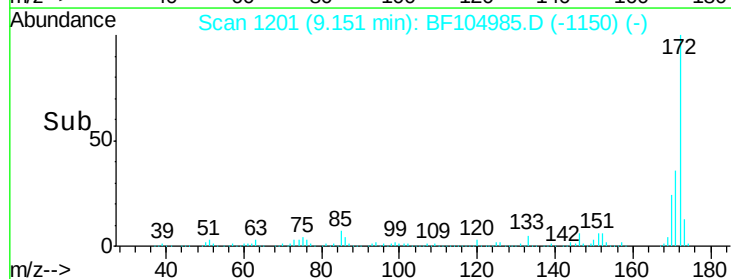
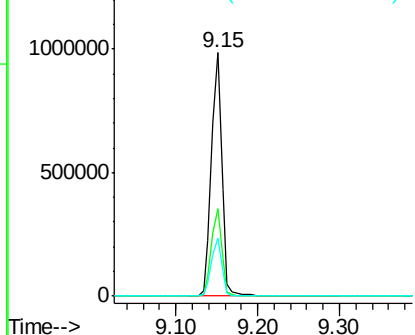


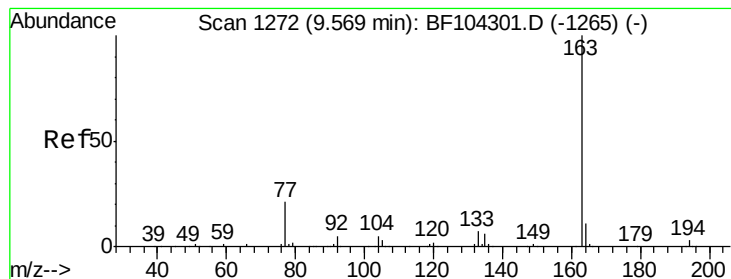
#44
 2-Fluorobiphenyl
 Concen: 63.055 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.00 min
 Lab File: BF104985.D
 Acq: 1 May 2018 15:55

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.7	44.5
170	23.8	19.6	29.4



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#49

Dimethylphthalate

Concen: 5.951 ng

RT: 9.55 min Scan# 1268

Delta R.T. -0.01 min

Lab File: BF104985.D

Acq: 1 May 2018 15:55

Instrument :

BNA_F

ClientSampleId :

CONCRETE-1

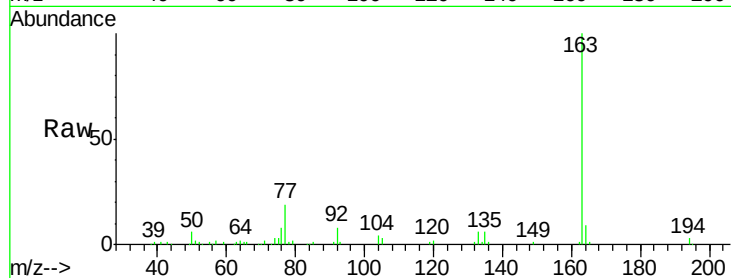
Tgt Ion:163 Resp: 103278

Ion Ratio Lower Upper

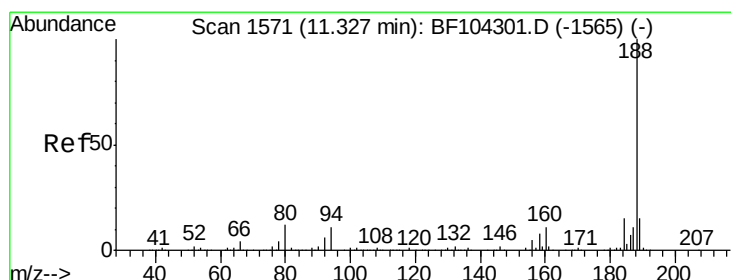
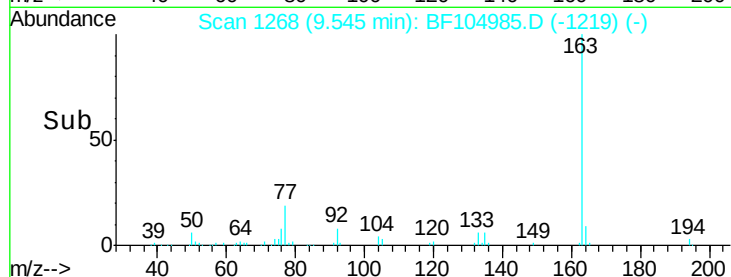
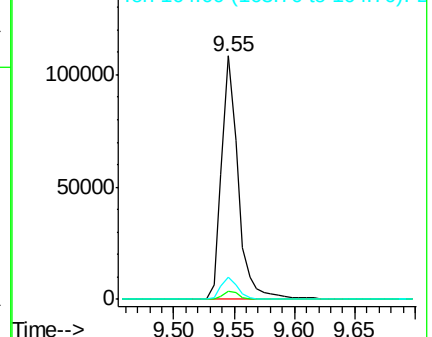
163 100

194 3.5 2.7 4.1

164 9.0 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.32 min Scan# 1570

Delta R.T. -0.00 min

Lab File: BF104985.D

Acq: 1 May 2018 15:55

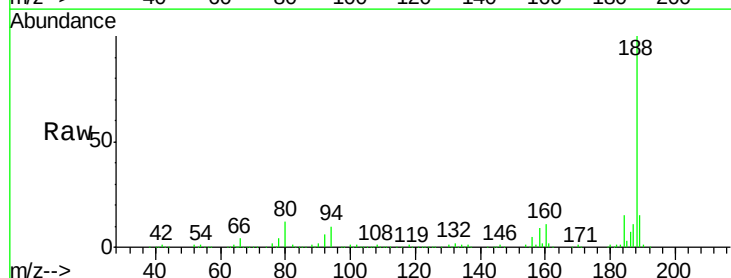
Tgt Ion:188 Resp: 360995

Ion Ratio Lower Upper

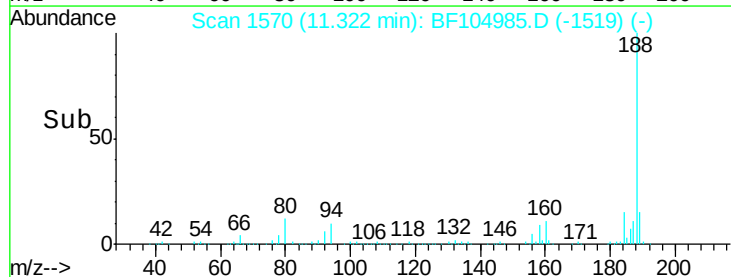
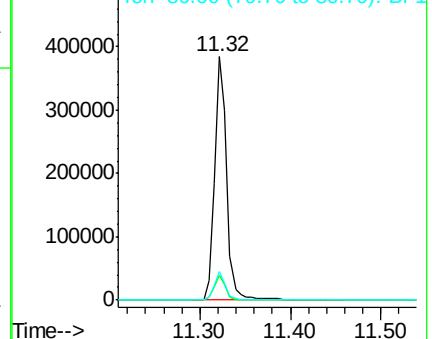
188 100

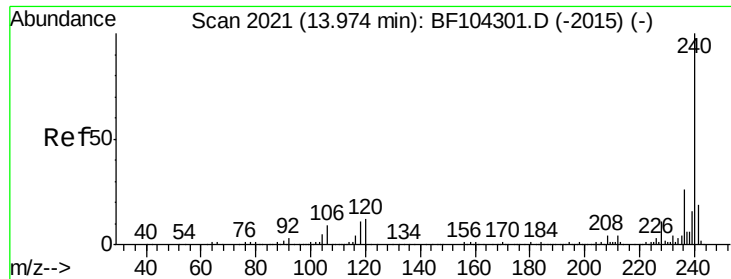
94 10.0 8.5 12.7

80 11.7 9.2 13.8



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

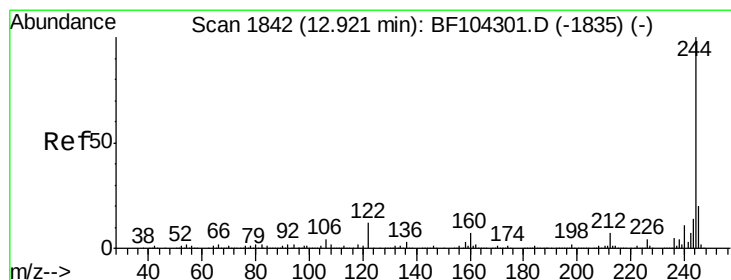
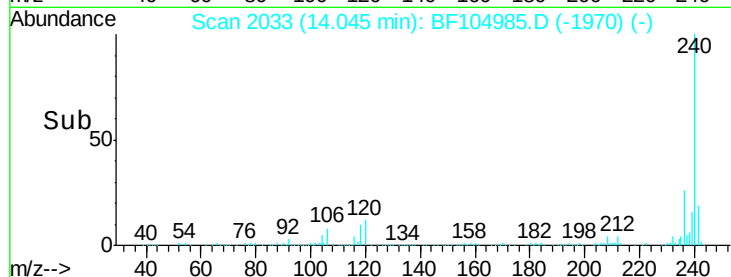
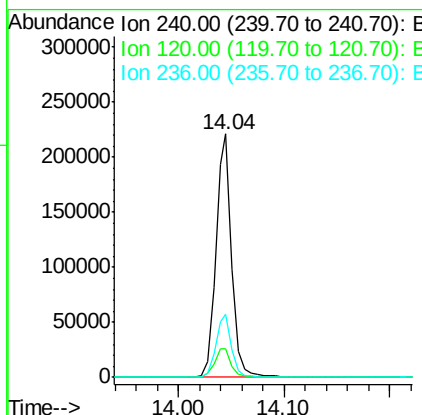
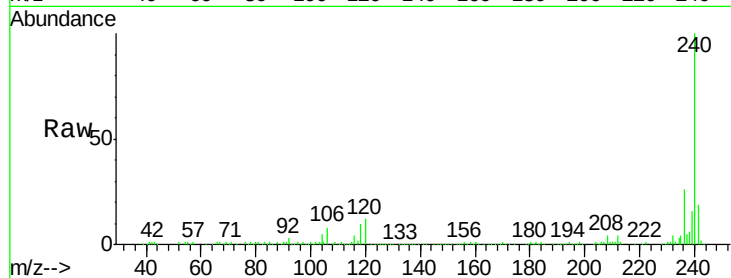




#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.04 min Scan# 2033
 Delta R.T. 0.07 min
 Lab File: BF104985.D
 Acq: 1 May 2018 15:55

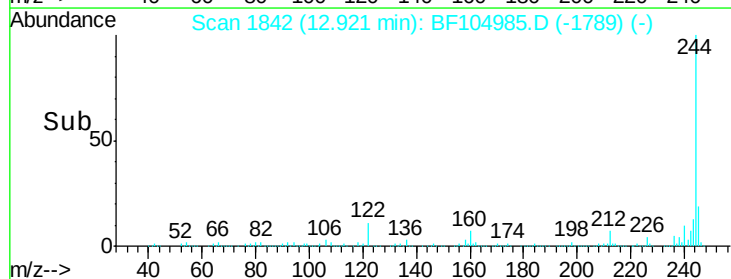
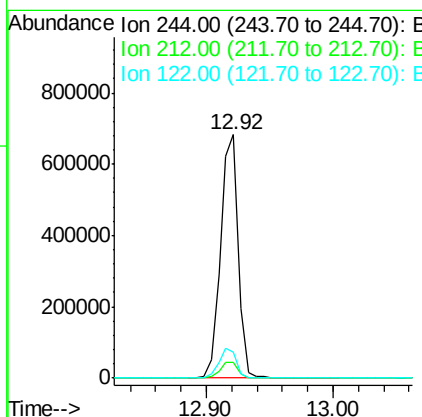
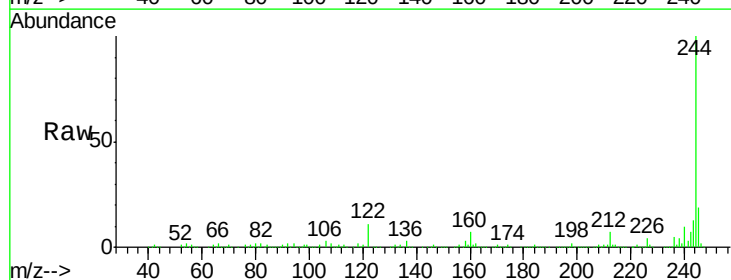
Instrument :
 BNA_F
 ClientSampleId :
 CONCRETE-1

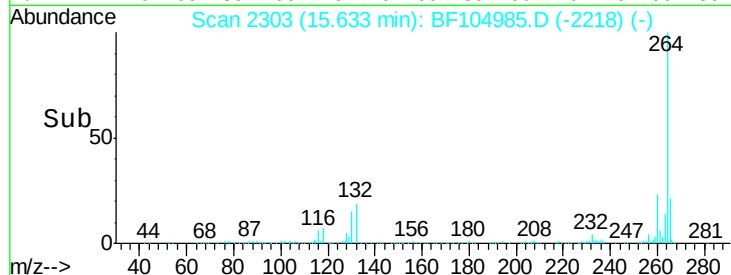
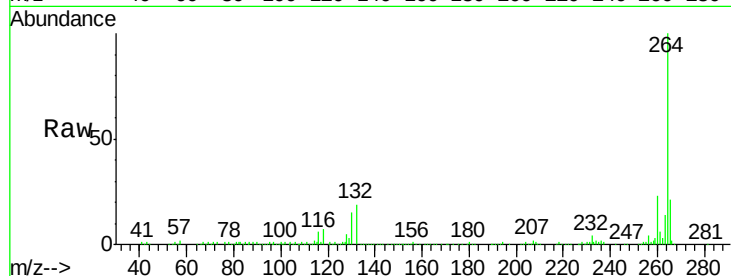
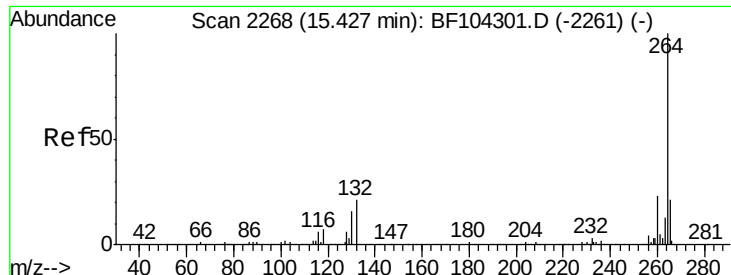
Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.9	9.5	14.3
236	25.9	20.7	31.1



#78
 Terphenyl-d14
 Concen: 65.564 ng
 RT: 12.92 min Scan# 1842
 Delta R.T. 0.01 min
 Lab File: BF104985.D
 Acq: 1 May 2018 15:55

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.4	8.0
122	10.8	11.0	16.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.63 min Scan# 2303
Delta R.T. 0.20 min
Lab File: BF104985.D
Acq: 1 May 2018 15:55

Instrument :
BNA_F
ClientSampleId :
CONCRETE-1

Tgt Ion: 264 Resp: 223742
Ion Ratio Lower Upper
264 100
260 23.3 19.2 28.8
265 21.3 17.5 26.3

